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**HAMRE, SCHUMANN,  
MUELLER & LARSON, P.C.**  
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TO: Mail Stop: AMENDMENT  
Examiner:  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

FROM: Michael D. Schumann

OUR REF: 09548.1050USWO

TELEPHONE: (612) 455.3800

Total pages, including cover letter:

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Title of Document: **Information Disclosure Statement; Form 1449; 1  
reference; International Search Report**Applicant: XU et al.  
Serial No.: 10/585,963  
App. Filed: July 31, 2006  
Group Art No.: unknown

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: 

Name: Michael D. Schumann

Reg. No.: 30,422

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Ralf von Wilhelm

  
SignatureApril 5.07  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: XU et al. Examiner: Unknown  
Serial No.: 10/585,963 Group Art Unit: Unknown  
Filed: July 31, 2006 Docket: 09548.1050USWO  
Title: WATER-COOLING MOLD FOR METAL CONTINUOUS CASTING

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on April 5, 2007.

By:   
Name: Ralynn Wilhelm

INFORMATION DISCLOSURE STATEMENT

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are enclosed. Please note that the references listed on Form 1449 were cited in an International Search Report dated May 19, 2005, a copy is enclosed.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND

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- ☐ the requisite Statement is below, AND
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

**STATEMENT**

As required under §1.97(e), Applicants hereby state either that:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
- ☐ If this box is checked, Applicant provides the following:

**Certification Under 37 C.F.R. §1.704(d)**

In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

- ☐ The Examiner is hereby advised of the following co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

Application No.Filing DateGroup

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):

US 2002/0000305 is equivalent to CN 1223917

US 6,186,220 is equivalent to CN 1220195

An English abstract has been provided for CN 1121851

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

**FEE AUTHORIZATION**

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,



HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
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Minneapolis, MN 55402-0902  
(612) 455-3800

Dated: April 5, 2007

By: 

Michael D. Schumann  
Reg. No. 30,422

MDS:rkW

Date: April 5, 2007

Sheet 1 of 1

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 09548.1050USWO	Application Number: 10/585963
	Applicant: XU et al.	
	Filing Date: July 31, 2006	Group Art Unit: unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
/KPK/	US 6,390,177	May 21, 2002	Arvedi et al.				
	US 5,941,298	August 24, 1999	Pleschiutschnigg				
	US 5,927,378	July 27, 1999	Grove et al.				
	US 5,460,220	October 24, 1995	Coassin				
	US 6,186,220	February 13, 2001	Sucker et al.				
/KPK/	US 2002/0000305	January 3, 2002	Sucker et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
/KPK/	CN 1121851	May 1996				Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
/KPK/		International Search Report for International Application PCT/CN2004/001063 dated May 19, 2005.



EXAMINER	/Kevin Kerns/	DATE CONSIDERED	06/02/2010
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE